



10/717, 514.

PTO/SB/21 (09-04)

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EW**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Patent Number	7,074,474	
	Issue Date	July 11, 2006	
	First Named Inventor	Yasuhiro TOI et al.	
	Art Unit	1772	
	Examiner Name	Alexander S. Thomas	
Total Number of Pages in This Submission	6	Attorney Docket Number	032405R0951

**ENCLOSURES (check all that apply)**

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) ____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Second Request for Certificate of Correction and Certificate of Correction Copy of Request for Certificate of Correction and Certificate of Correction filed on December 12, 2006
<b>Remarks</b> No Fees Submitted		

**Certificate**

SEP 12 2007

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT****of Correction**

Firm	Smith, Gambrell & Russell		
Signature			
Printed Name	Dennis C. Rodgers		
Date	September 10, 2007	Reg. No.	32,936

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Signature			
Typed or printed name		Date	

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**PATENT**

Attorney Docket No. 032405R0951

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re United States Patent of:

Yasuhiro TOI et al.

Patent No.: 7,074,474

Group Art Unit: 1772

Issued: July 11, 2006

Examiner: Alexander S. Thomas

USSN: 10/717,514

For: COMPOSITE MATERIAL-STIFFENED PANEL AND  
MANUFACTURING METHOD THEREOF

**SECOND REQUEST FOR CERTIFICATE OF CORRECTION  
UNDER 35 U.S.C. §254 and 37 C.F.R. §1.322 (PTO MISTAKE)**

Assistant Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Enclosed herewith is a copy of the Certificate of Correction received in response to the Request filed December 12, 2006. As seen from the attached copy there is an extraneous "8" in the phrase "facilitating8" on page 2 of 2 of the Certificate of Correction. As this error was not in the Request for Certificate of Correction form no fees are believed due with this filing.

Respectfully submitted,

SMITH, GAMBRELL & RUSSELL, LLP

Dennis C. Rodgers, Reg. No. 32,936  
1850 M Street, NW – Suite 800  
Washington, DC 20036  
Telephone : 202/263-4300  
Facsimile : 202/263-4329

Dated: September 10, 2007

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 7,074,474 B2

DATED : July 11, 2006

INVENTOR(S) : Yasuhiro TOI et al.

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Claim 14, which appears at column 6, lines 45-52 is amended as follows:

14. A composite material stiffened panel, comprising;  
a first panel-shaped fabric material;  
stiffeners placed on said first fabric material;  
a second fabric material placed on said stiffeners so as to cover at least some of said stiffeners, said second fabric material being formed so as to match the shape of said stiffeners;  
said second fabric material being stitched on said first fabric material along edges of said stiffeners for facilitating positioning of said stiffeners;  
a hardened resin infiltrated into said fabric materials, and wherein said stiffeners placed on said first fabric material are of metal.

MAILING ADDRESS OF SENDER: Smith, Gambrell & Russell  
1850 M Street, N.W., Suite 800  
Washington, DC 20036

PATENT NO. 7,074,474 B2



No. of additional copies

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,074,474 B2  
APPLICATION NO. : 10/717514  
DATED : July 11, 2006  
INVENTOR(S) : Yasuhiro Toi et al.

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Claim 5, which appears at column 5, lines 53-67; and  
column 6, lines 1-3; is amended as follows:

5. A composite material stiffened panel, comprising;  
a first panel-shaped fabric material;  
stiffeners placed on said first fabric material;  
a second fabric material placed on said stiffeners so as to cover at least some of said  
stiffeners, said second fabric material being formed so as to match the shape of said  
stiffeners, said second fabric material being stitched on said first fabric material along  
edges of said stiffeners for facilitating positioning of said stiffeners;  
a hardened resin infiltrated into said fabric materials, and wherein said stiffeners  
placed on said first fabric are made of fiber-reinforced resin-composite material [[.]]  
~~-said second fabric material being stitched on said first fabric material along edges of~~  
~~-said stiffeners for facilitating positioning of said stiffeners;~~  
~~a hardened resin infiltrated into said fabric materials, and wherein said stiffeners~~  
~~placed on said first fabric material are of metal.~~

Claim 14, which appears at column 6, lines 45-52 is amended as follows:

14. A composite material stiffened panel, comprising;  
a first panel-shaped fabric material; stiffeners placed on said first fabric material;  
a second fabric material placed on said stiffeners so as to cover at least some of said  
stiffeners, said second fabric material being formed so as to match the shape of said  
stiffeners [[.]] ;

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

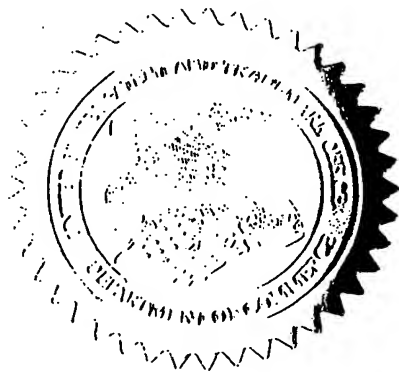
PATENT NO. : 7,074,474 B2  
APPLICATION NO. : 10/717514  
DATED : July 11, 2006  
INVENTOR(S) : Yasuhiro Toi et al.

Page 2 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Claim 14 (cont'd):

said second fabric material being stitched on said first fabric material along edges of said stiffeners for facilitating positioning of said stiffeners;  
a hardened resin infiltrated into said fabric materials, and wherein said stiffeners placed on said first fabric material are of metal.



Signed and Sealed this

Twenty-fourth Day of July, 2007

A handwritten signature in dark ink, appearing to read "Jon W. Dudas", is written over the printed name.

JON W. DUDAS  
Director of the United States Patent and Trademark Office



**PATENT**

Attorney Docket No. 032405R0951

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re United States Patent of:

Yasuhiro TOI, et al.

Patent No.: 7,074,474

Group Art Unit: 1772

Issued: July 11, 2006

Examiner: Alexander S. Thomas

USPN: 10/717,514

For: COMPOSITE MATERIAL-STIFFENED PANEL AND  
MANUFACTURING METHOD THEREOF

**REQUEST FOR CERTIFICATE OF CORRECTION  
UNDER 35 U.S.C. §254 and 37 C.F.R. §1.322 (PTO MISTAKE)**

Assistant Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 35 U.S.C. §254 and 37 C.F.R. §1.322, the Patent Owner, through its undersigned attorney of record, respectfully requests that the U.S. Patent and Trademark Office issue a Certificate of Correction for the above identified patent. The error to be corrected in the Certificate of Correction are shown in Pages 2-3. Remarks are found on page 4.

**IN THE CLAIMS**

Please correct claims 5 and 14 as follows.

5. (Currently Amended) A composite material stiffened panel, comprising;

a first panel-shaped fabric material;

stiffeners placed on said first fabric material;

a second fabric material placed on said stiffeners so as to cover at least some of said stiffeners, said second fabric material being formed so as to match the shape of said stiffeners, said second fabric material being stitched on said first fabric material along edges of said stiffeners for facilitating positioning of said stiffeners;

a hardened resin infiltrated into said fabric materials, and wherein said stiffeners placed on said first fabric are made of fiber-reinforced resin-composite material [[.]]

~~said second fabric material being stitched on said first fabric material along edges of said stiffeners for facilitating positioning of said stiffeners;~~

~~a hardened resin infiltrated into said fabric materials, and wherein said stiffeners placed on said first fabric material are of metal.~~

14. (Currently Amended) A composite material stiffened panel, comprising;

a first panel-shaped fabric material;

stiffeners placed on said first fabric material;

a second fabric material placed on said stiffeners so as to cover at least some of said stiffeners, said second fabric material being formed so as to match the shape of said stiffeners [[.]] ;

said second fabric material being stitched on said first fabric material along edges of said stiffeners for facilitating positioning of said stiffeners;

a hardened resin infiltrated into said fabric materials, and wherein said stiffeners placed on said first fabric material are of metal.



**REMARKS**

This request for Certificate of Correction corrects a clerical error present in the claims.

As indicated on the last Response on February 1, 2006, issued claim 5 is corresponding to claim 9 in Applicants' response, and issued claim 14 is to claim 13 in Applicants' response. Comparing these claims, it is clearly understood that issued claim 5 comprises too much features and issued claim 14 comprises less features. More specifically, two features in issued claim 5 ("said second fabric material" and "a hardened resin" in last part) should be placed in issued claim 14, shown above.

It is respectfully submitted that the error is on the part of the U.S. Patent and Trademark Office. Accordingly, this filing is made pursuant to 37 C.F.R. 1.322 (PTO mistake).

If, however, any fees are deemed necessary to invoke this correction, the Commissioner is authorized change any necessary fees to Deposit Account 02-4300.

Applicants looks forward to receipt of a Certificate of Correction in due course.

Respectfully submitted,

SMITH, GAMBRELL & RUSSELL, LLP



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Date : December 12, 2006

## UNITED STATES PATENT AND TRADEMARK OFFICE

### CERTIFICATE OF CORRECTION

PATENT NO : 7,074,474 B2

DATED : July 11, 2006

INVENTOR(S) : Yasuhiro TOI et al.

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Claim 5, which appears at column 5, lines 53-67; and column 6, lines 1-3; is amended as follows:

5. A composite material stiffened panel, comprising;  
 a first panel-shaped fabric material;  
 stiffeners placed on said first fabric material;  
 a second fabric material placed on said stiffeners so as to cover at least some of said stiffeners, said second fabric material being formed so as to match the shape of said stiffeners, said second fabric material being stitched on said first fabric material along edges of said stiffeners for facilitating positioning of said stiffeners;  
 a hardened resin infiltrated into said fabric materials, and wherein said stiffeners placed on said first fabric are made of fiber-reinforced resin-composite material [,.];  
~~said second fabric material being stitched on said first fabric material along edges of said stiffeners for facilitating positioning of said stiffeners;~~  
~~a hardened resin infiltrated into said fabric materials, and wherein said stiffeners placed on said first fabric material are of metal.~~

Claim 14, which appears at column 6, lines 45-52 is amended as follows:

14. A composite material stiffened panel, comprising;  
 a first panel-shaped fabric material;  
 stiffeners placed on said first fabric material;  
 a second fabric material placed on said stiffeners so as to cover at least some of said stiffeners, said second fabric material being formed so as to match the shape of said stiffeners [,.];  
said second fabric material being stitched on said first fabric material along edges of said stiffeners for facilitating positioning of said stiffeners;  
a hardened resin infiltrated into said fabric materials, and wherein said stiffeners placed on said first fabric material are of metal.

PATENT NO. 7,074,474 B2

MAILING ADDRESS OF SENDER: Smith, Gambrell & Russell  
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